

• C o u n t e r p o i s e •

The Amateur Radio Club of El Cajon

Volume XLVIII

May 2008

Number 5



Amateur Radio Club of El Cajon meets every 2nd Thursday at 7:00 pm at the First Lutheran Church of El Cajon. The address is 867 South Lincoln Ave. Next meeting: May 8, 2008 7:00 pm

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All Official written communication is to be submitted to:

A.R.C.E.C. P.O. Box 50, El Cajon, CA 92022
The Counterpoise is a publication of the Amateur Radio Club of El Cajon (ARCEC). It is published once monthly and contributions are accepted from officers and members of the club. We also encourage input from members of the Amateur Radio Club of El Cajon. Opinions expressed are solely that of the author and do not necessarily reflect the opinions of the Amateur Radio Club of El Cajon (ARCEC). Articles may be submitted either by e-mail or mail to the editor.

Paul Rios at:
WA6BGScounterpoise@cox.net or by post
1237 Victor Ave #4, El Cajon, CA 92021
The Deadline is Sunday after the General Meeting.

Amateur Radio Club of El Cajon
Web Site: <http://www.wa6bgs.org>

Counterpoise E-Mail address
WA6BGScounterpoise@cox.net

Wow This Club puts everyone
to work!
Barber Hollis K1GPHX



Speaker: Miguel Miller

Skywarn Weather Spotter Training

2008 Officers

President	KC6QLS	Paul Rios	593-9445
Vice-President	KO4QT	Steve Weed	733-2320
Secretary	N6ERD	Dan Severance	449-8526
Treasurer	KG6JCW	Mike "Stogie" Panger	263-4439

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Affiliated Clubs	AE6AV	Larry Plummer	460-1818
Instructor	AE6QW	Gordon Shackelford	561-6323
Membership	KC6TBG	Ann Rios	593-9445
Net Manager	KG6TDP	Mike Oberbauer	444-9090
Public Service	N6NKJ	Rich Beisigl	444-5465
	KF6KE	Richard West	462-2771

2008 Standing Committees

Bylaws	N6OPH	Mike Maston	296-9067
Club Attire	K6PKS	Paul Schmidt	733-2284
Counterpoise Editor	KC6QLS	Paul Rios	593-9445
Education	N6OPH	Mike Maston	296-9067
Elmer	WA6L	John Graf	368-7413
EOC H2O District	N6NKJ	Rich Beisigl	444-5465
Estate Sales	N6JOJ	Tom Myrick	449-3547
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Historian	OPEN		
Photographer	KI6EEL	Bridget Rios	
Post Mistress	KC6TBG	Ann Rios	593-9445
Prizes	AF6BC	Floyd Lang	697-8655
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Technical	W6RHH	Bob Boehme	448-4728
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WAMO	AE6CQ	Michael Martak	562-6477
Web Master	KC6QLS	Paul Rios	593-9445
Welcome	KI6JUD	Linda Weed	971-1535
Social Chair	KI6JUD	Linda Weed	971-1535

Staff and Writers

KC6QLS	Paul	Editor
KO4QT	Steve	Vice President
N6ERD	Dan	Meeting Minutes
KI6FIH	Tassy	HAM Spot Light
AE6CQ	Michael	WAMO
W5COM	Tom & Lisie	Jokes
N6NKJ	Rich	Amateur Radio at Large
WA6L	John	Down Below in EC
WA6MHZ	Pat	Crest Radio Museum
KI6EEL	Bridget	Photos

SANTEE DRIVE-IN SWAP MEET

10990 Woodside Ave., North
FOR INFORMATION, CALL 449-SWAP
Ham Radio, Computers, Electronics
ACRES & ACRES OF BARGAINS
1st & 3rd Saturday of the Month
GATES OPEN 6:30 AM

From The President

Paul KC6QLS



Thank you to Steve Early AD6VI for attending our April meeting and for the opportunity to discuss ARRL needs and opportunities within the San Diego Section. We look forward to working with you to promote the many aspects of amateur radio within our community.

Thank you to those at our April meeting who helped with assembling the wooden key kits for the ARCEC Kids Best Booth at the fair. The goal and purpose of our booth is to introduce kids to amateur radio and show how it can be used in emergency situations. At our May meeting, we will be assembling the additional kits we will need for the fair during the business portion of the meeting as we listen to reports. Please join us for this meeting and help with the preparation of these kits.

The ARCEC has had a number of new members sign up, and they have requested assistance with basic amateur radio operations, how to set up a station, install antennas, etc. Elmers are experienced club members who are willing and waiting for an opportunity to mentor new amateur radio operators and guide them through the exciting world of amateur radio. If you have time and would like to be an Elmer and help out our new members, and/or if you would like to get involved with putting on events, classes and activities for the ARCEC and the amateur radio community, please contact our Elmer Chair John Graf WA6L directly at john@wa6l.com. Any Elmers wishing to have their name and email posted on the ARCEC website Elmer List to be contacted directly by any individuals visiting our website who are looking for an Elmer, please send your name and email address to me at kc6qls@cox.net, and I will add your name to the website list. New members, if you would like the name of an Elmer to contact to help you with amateur radio related questions, please visit our website at wa6bgs@cox.org or contact our Elmer Chair John Graf WA6L directly at john@wa6l.com and he will connect you to an Elmer in your area. Thank you to all of our Elmers. Your willingness to share your experiences and expertise is always appreciated.

Paul, KC6QLS
President

Amateur Radio Club of El Cajon

General Membership Meeting
13 March 2008



Minutes accepted as printed in Counterpoise
Treasurer's Report was read by Steve due to the absence of Stogie.

Next, Paul explained how the wooden key assembly was to be done for the meeting's activity and talked about how they would work at the Fair. All members in attendance were seated at tables for this meeting instead of the normal rows of chairs to facilitate the building. As the building started the newly elected section manager Steve Early, AD6VI spoke on about what was going on in the section and further asked for input about what members want to see. Among the items he mentioned:

> 140 signed up for Wildland Fire Safety Training in La Mesa

He is looking for a new section coordinator, and a new EMS coordinator.

He is looking for (and would like suggestions for) a meeting space for the section – current one doesn't meet all our needs including too many restrictions (no raffle allowed for instance)

Steve wants to know about issues on section level – for instance he said that there has been a jammer on some repeaters for some time now, we need a repeater coordinator. Also he wants to get some basic get on the air, help your neighbor training, especially for new hams. He pointed out that El Cajon is one of the few clubs that has an coordinator for Elmering.

He is also considering regional training sessions so people don't have such long drives...

Asked Paul if El Cajon would like to see anything – he mentioned he'd like to see the Ham Radio Roundup come back. It was later suggested that it could start at the normal time and location of our summer picnic.

In response to Steve's comments about having a 1 day Tech. class, John Graf started a discussion of the merits of a one day Technician Class (teaching the test) vs. a longer class teaching the theory. This turned into a rather lengthy discussion with points being made that the tech exam is aimed to get people into the hobby.

Steve mentioned that there are 12 new hams who live on Mt. Laguna so they will likely want to visit the El Cajon field day, and it would be a great time to give them basic training via the GOTA station, etc.

Next he asked what we want the section to do for us... The answers were possibly some more social things – joint picnics, someone mentioned that when he was a kid there were 3 events – one field day, and two others, but was unclear about what exactly the other two were. As mentioned before, there will be at least one social

event – possibly La Mecita park in August (normal time for El Cajon picnic).

It was mentioned that we Semi publicly available station for tech class hams to motivate them to move up to HF, even if they live in places where there is no restriction. Possibly look to get into community colleges, etc. – also churches might be a possibility

There were 3 Visitors and 2 New Members at the meeting tonight

Paul received a flyer and mentioned to the group - Aug 1-3 www.MonarchHotel.cc - Pacific Northwest DX Convention – ask for Northwest DX Convention rate.

There are two sign up sheets for Field day – one for those who are going to be at Field Day. A second one for those who will help load up on Friday and Tear down on Sunday.

All programs for the rest of the year are booked and on the calendar found on the web site – check it out!.

Another announcement of the Field day T-Shirt contest – 3 colors and white – submit your entries!.

Affiliated Clubs

SANDARC donated 250 to this church (our meeting site) for our use of it for VEC exams once a month.

Convention meeting (dinner) on 22nd of May at Sheraton 4 Points at 18:00 for anyone who is interested in one of the committee chairman.

After that the 3rd Thursday of the month will be a meeting for the convention Volunteers needed for the Del Mar Fair – El Cajon Club has the first weekend (14th and 15th).

Another reminder about the LOGO contest for San Diego Convention with an aeronautical theme...

New news – testing team that was going to imperial valley is apparently not going to happen at this time.

Anyone with input about testing and administration of exams/questions please send e-mail to Mike, N6OPH.

Updated statistics - 180 total members, 41 in attendance.

All classes are completed, with an Extra course scheduled for late August or September – sign up with Mike, N6OPH – address in the counterpoise.

Rich B. Stopped taking applications for Wildland Safety training – there were 138 signed up when he stopped taking applications.

Need 10 volunteers for Cal Fire doing damage assessment training 4-5 days, will give \$119/night lodging

April 21st and 25th.

Health and Welfare – KC6YCS (Claude Gunderson?) fell off his roof and busted his hip. He's in the hospital, doing therapy. They want to keep him another 2-3 weeks, but he's looking to get out sooner.

Social Chair – There is now hot tea and cocoa to go with the donuts.

Prize table – 220Mhz antenna, Al Rich W6WYN – has 3 power supplies – 2 astron and a pyramid, blown diodes



Continued Page 15

From The Vice President KO4QT Steve



As always, I need to start out by saying thank you to our American Radio Relay League (ARRL) Southwestern Section Manager Steve Early AD6VI for taking the time to come to our meeting and talk to us about our needs from the League. I also want to thank all of you who attended the meeting and for helping assemble our wooden Morse code keys. We should have given a prize for the tallest stack of "blocks" once they were put together. A special thank you goes to Ken KI6HRH and Rich N6NKJ for their woodshops and hard work ripping, chopping, and sanding along with Paul KC6QLS and I. Ken was also kind enough to donate the wood we used.

Our May meeting will feature Miguel Miller from the National Weather Service (NOAA) who will give us severe weather spotter training. Miguel will also be giving a 2 hour block of instruction on SkyWarn (which is advanced training in spotting and reporting severe thunderstorms, floods, high winds, etc.) in the near future (date and time to be announced). If you're interested in attending this training, let me know, I'll put you on the list. I can be contacted either by phone at (619) 733-2320 or email ko4qt@hotmail.com

Don't forget about our Field Day T-Shirt contest at the May meeting, bring in your entry.

June will be a busy month for us and volunteers are needed desperately!

We start out the month on June 7th and 8th providing communications at Cuyamaca State Park for the Annual San Diego 100 mile Endurance (foot) Race. Volunteers can contact Ellen N6UWW N6UWW@AMSAT.ORG for available shifts and locations

Secondly, we have the SANDARC booth at the San Diego County (Del Mar) Fair on June 14th and 15th. As of this writing, we have no one other than me, Ann KC6TBG and Paul KC6QLS who have signed up for our Club weekend. Our booth this year is in a new location in the infield with lot's of room to move around, operate the radios

WA6BGS Nets

Mike Oberbauer:	KG6TDP	Net Manger
Mike Oberbauer:	KG6TDP	Net Controller
Frito	N6WKB	Wide Open Nets
Ed Felter	AI6O	WAMO/D

WAMO NETS:

Wednesday and Saturday Nights
8:00 pm local time 7:30 "Checkins"

Tuesday Night Rag Chew net:

8:00 pm

Nets held on club repeaters

WA6BGS Repeaters

RX 147.420 (146.475) 107.2 PL

RX 224.080 – 107.2 PL

RX 445.900 – 107.2 PL

Don't miss it. All members welcome.

New WAMO/D Net

ARCEC, San Diego Digital VHF Net

Time: 8:00 p.m.

Day: Thurs. "Except 2nd Thurs. of the month"

Mode: PSK31

Frequency: 50.290 MHz. and a QSY to 144.144 MHz

This is an open net and all are invited. Early check-ins will be taken. Hope to see you on the waterfall!

WAMO means Worked All Members Only. The purpose of WAMO is to encourage people to people communication between club members and to publicize the name of the club among fellow amateurs.

Calendar of Events May 2008

May	1:	SDDVHF PSK Net 8 PM 20.290 MHz
May	3:	Swap Meet, Santee Drive In, 6:30 am
May	3:	T-Hunt, Grossmont College lot, 6:00 pm
May	6:	Board Meeting, 7:00 pm
May	8:	General Meeting, 7:00 pm
May	15:	SDDVHF PSK Net 8 PM 20.290 MHz
May	16:	Counterpoise Dead Line
May	17:	Swap Meet, Santee Drive In, 6:30 am
May	17:	T-Hunt, Grossmont College lot, 6:00 pm
May	22:	SDDVHF PSK Net 8 PM 20.290 MHz
May	29:	SDDVHF PSK Net 8 PM 20.290 MHz


Upcoming Event Dates

June	14/15:	SANDARC Booth Days at the Fair
June	21:	Del Mar Fair "ARCEC Kids Best"
June	27:	Field Day 2008,



Continued on page 11

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San Diego, CA 92123
(858) 560-4900 or 1-800-854-6046

The Counterpoise is also online in FULL COLOR. Check it out and the club's website at: www.wa6bgs.org

Get your advanced copy by e-mail. I will send it out in .PDF format the night it goes to print. E-mail me and let me know that you would like a copy. Size of file may be up to 1.5 mb at times.

Change of Address

Moving?

Do not miss an issue of the Counterpoise. Fill out the Change of address form below.

Call _____ WAMO# _____
Name _____
Address _____
City _____ State _____ Zip _____
New Address:
Address _____
City _____ State _____ Zip _____

Send to Membership Chairperson:
A.R.C.E.C./ P.O. Box 50, El Cajon, CA 92022

ARCEC Membership Application

1. Amateur Call Sign	2. Class of License
3. First Name	4. Last Name
5. Street Address	6. City, State, Zip+4
7. Home Phone	8. Work Phone
May we list: Y N	
9. DOB	10. e-mail
11. ARRL Member Yes no	12. ARES Member Yes No
13. RACES Member Yes No	14. Sponsored by: or Family Member

Return this form with check made payable to the Amateur Radio Club of El Cajon or ARCEC for new or renewal membership. Annual Dues \$18.00 for Individual, \$30.00 for family. New members add \$5.00 per member. Include your call on Check. Mail to
Membership Chairperson
A.R.C.E.C, P.O. Box 50, El Cajon, CA 92022

New () or Renewal ()	WAMO Number
Certificate Issued	Dues from _____ To _____
Paid Cash ()	Check No.
Check ()	Date Paid:

Computer Roster Available

Want the roster sent to you via e-mail? Send an e-mail to Ann Rios KC6TBG, and she will send you the database back as an attachment. She uses Excel, but may be able to convert to various formats if asked. Send your request to 619-593-9445 or KC6TBG@cox.net

FUN PAGE

Birthday

May	1	KG6KLM	Felly	Parel
May	2	KB6MLS	William	Fuller
May	3	KC6LEX	Andrea	Ames
May	3		Arvilla	Johnson
May	7	NF6V	Steve	Rose
May	7	KG6IZW	Kristine	Eyer
May	7	KI6FCR	Dan	Hines
May	10	K7OY	Maynard	Skidmore
May	10	KI6IOH	James	Glasser
May	11	KE6HBQ	Greg	Richard
May	12	KB6WQO	Carol	Myrick (L)
May	13		Zachary	Lang
May	13		Gabrial	Lang
May	14	KA6RLX	Al	Gentz (L)
May	14	KD6KHQ	Linda	Kennedy
May	14	KD6ZNU	Shirley	Boehme (L)
May	17	W6JPB	Joe	Wilkerson
May	19	WB6DSP	Dave	Johnson
May	20	K6FQR	Allen	Guinup
May	22	KG6STY	William	Kukuk
May	25	NV6E	Herald	Sawdy (L)
May	25	WI6M	Rod	Adkins
May	30	W6ULU	Bob	Peasley
May	30	KI6HRH	Ken	Cohen
May			Herbert	Mansfield

Word Search

R D U C T I N G B A L A N C E D
E E X Y M W Z X M Y Z X M D V I
N D I P O L E Z V F B A U D Y O
E M Q F E D L I N E T V Q F I
Z F V M I X M W Y H I Q D M Z D
R A E N I L K J Z L M R I H X R
M Y V Y H Y P F P W O J R F Y A
Q W F Z W J W M W T X M E R M C
W Z P L F H A Z A Q H B C E G Q
G H K A U R O R A H W F T Q N W
N X Y S H M B V Y M X W I U I F
I V J V Z V Q H X Z H F O E P X
H W M O I N V E R T E R N O M
C Z X T R O P O S H E R I C D H
T Y L Q W F Y Q F V Y Z W Y W J
A U J X Y T I M S N A R T V F J
M O D U L A T I O N Y X Z Q L S

- | | |
|------------------------------------|--|
| <input type="checkbox"/> AMPLIFIER | <input type="checkbox"/> FEEDLINE |
| <input type="checkbox"/> AMPLITUDE | <input type="checkbox"/> FREQUENCY |
| <input type="checkbox"/> AURORA | <input type="checkbox"/> INVERTER |
| <input type="checkbox"/> BALANCED | <input type="checkbox"/> LINEAR |
| <input type="checkbox"/> BAUD | <input type="checkbox"/> MATCHING |
| <input type="checkbox"/> CARDIOID | <input type="checkbox"/> MODULATION |
| <input type="checkbox"/> DIPOLE | <input type="checkbox"/> MULTIVIBRATOR |
| <input type="checkbox"/> DIRECTION | <input type="checkbox"/> TRANSMIT |
| <input type="checkbox"/> DOPING | <input type="checkbox"/> TROPOSPHERIC |
| <input type="checkbox"/> DUCTING | <input type="checkbox"/> ZENER |

Brain Thinkers

- 3=L. on a T. 3 Legs on a Tripod
- 5=P. in a N. 8 Pennies in a Nickel
- 52= C. in a D. 52 Cards in a Deck
- This Months -----
- 2=Q. in a H.-D.
- 3=S. to the W.
- 9=L. of a C.

Last Months Word Search

C U R R E N T V G Q S V Q W M L
W A K I U Q S F W Z R E T L F
E N P O W F R Q M F G S U K X M
V A Q X L E W G K V H R E Y E K
L I W D C Z L K V F V H G V R Q
A Y U J I N B U E T O R E W E
T Z E H R E T W G S Q C W K L U
S E M G C W S A U L Z I E F Q V
Y R F M U U V Z N H W I G U M K
R W E F I K E D O C S I Q S E V
C Q C Q T L Q Z G E A H L G F
Q L G K S E G E M U M T U V A E
E M Q Z V F S L L F V O L Z T L
D F K G M U G F Z F E R M Q L S
O Z U M Q V Z U F H H W G V O Z
L Z V M K L F P O C I T I V E
D I P M E T E R K T V Z U K L W



This month the spotlight shines on Glenn M. Boeck, WZ6K, WAMO #602, who holds an Extra Class License and has been a member of the ARCEC for about 30 years. New Hams, here's an individual you will want to meet and talk "radio" with at our meetings.

Glenn, originally born and raised in Wells, Minnesota, met his wife in the band/chorus class in college, was married in 1943, came to California in 1958 and raised his family of five in Minnesota and Santee, California. He continues to live in Santee and has 12 grandchildren.

Glenn entered the service in 1941, served in the Army, Air Force and National Guard, and retired as a Lt. Col., Artillery in 1979 after serving over 30 years. He is a Pearl Harbor Survivor, was an Army Air Force Navigator in WW11 and served in the 3rd Infantry Division in the Korean War. A good part of the time in Korea, "I would take a radio and carbine and be sent to a military unit that might need some help from our 155mm howitzers." After his military service, Glenn worked as a teacher in San Diego and is presently retired. Thank you Glenn for your service to our country.

Glenn recalls that he first practiced code while working all night at a restaurant and tapped out newspaper articles by tapping on a counter by the dishwasher – a perfect example of the ingenuity Hams are known for. His favorite mode of communication is 20 meter. A couple days each week, he participates in a Pearl Harbor Survivors Net on 14.283. He also likes 2 meters, and his farthest contact was

Hawaii. Over the years he has participated in many amateur radio related activities, but one of his favorites was participating in the Mother Goose Parade, and other parades, where in the past amateur radio operators were involved with providing communication along the parade route. He feels his most important use of radio was serving as an Army Teletype and Radio Operator during and after Pearl Harbor.

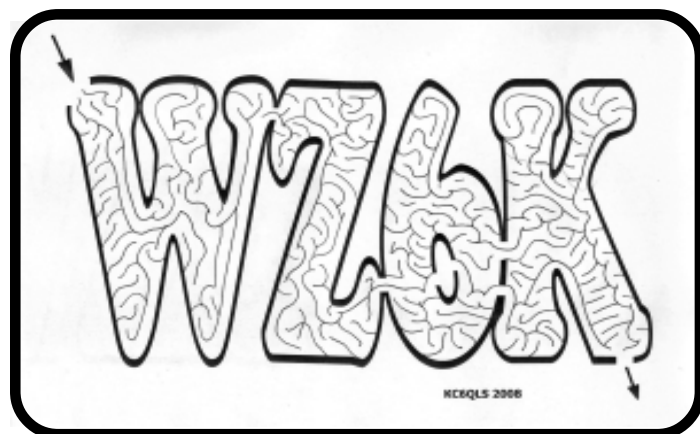
Glenn's favorite saying is "Never stop adding to your knowledge", and he offers the following words of wisdom "Take advantage of all opportunities available to you". He encourages amateur radio operators to keep operating as long as you can you can, and at 89 years old, Glenn leads by impressive example.

No longer just a voice on the radio, the spotlight shines on WZ6K.

73,

Tassy KI6FIH

MAZE



**The Editor's
Corner
KC6QLS Paul**



Editor's Corner

I want to thank all of you who contribute to the Counterpoise. The monthly deadline for entries is May 16th. Please submit amateur radio related articles, photos, and for sale/wanted items by this date so that the newsletter can be compiled, printed and mailed in a timely fashion.

Paul, KC6QLS

Public Relations

The 2008 San Diego County Fair (Del Mar) is coming up and will run from Saturday, June 14, 2008 through Sunday, July 6, 2008. The fair will be closed on Monday, June 16, 2008 and Monday June 23, 2008, but will be open on Monday, June 30, 2008 and will feature "Weird Al Yankovic" on this day.

The ARCEC and Girl Scout Troop 6326 Kids Best Booth date is June 21, 2008 at 9:00 a.m. for set up, 10:00 - 3:00 p.m. for the booth, and clean up to be completed by 4:00 p.m. The goal and purpose of our booth is to introduce kids to amateur radio and show how it can be used in emergency situations. Thank you to those who helped with assembling the wooden key kits the kids will put together, hook up and send their name using Morse Code with at our April meeting. At our May meeting, we will be assembling the additional kits we will need for the fair during the business portion of the meeting as we listen to reports. Please join us for this meeting and help with the preparation of these kits.

ARCEC SANDARC days at the fair are Saturday, June 14, 2008 and Sunday, June 15, 2008, and we are looking for volunteers to cover 10:00 a.m. to 2:00 p.m. and 2:00 p.m. to 6:00 p.m. shifts at our new booth location in the In Field. Sign up sheets will be available at the meeting. Please sign up as soon as possible at the meeting or email me directly at kc6qls@cox.net to sign up.

SANDARC needs volunteers to cover the booth for the entire 21 days that the fair is open. While the clubs usually cover certain days, there are many days and shifts to cover and your help is needed. If the only date you are available falls on another club's usual date, please sign up anyway and don't worry as we will all work together to accommodate all volunteers. Again, any individual wishing to volunteer on any day for any shift is welcome, and we will all work together to make



Continued on page 15

Volunteers Needed

Up Coming Events

San Diego County Fair "ARCEC Booth"

Please Sign up at the next meeting

E-Mail

Address for the Counterpoise. Please submit all *Counterpoise* Mail to:

WA6BGScounterpoise@cox.net

Prize Table Needs Help

Thank you for your contributions to the Prize Table! We still need your Support and Help or it may just end up a thing of the past. Please contact: Floyd Lang AF6BC at 303-6711.

Things to keep in mind

Get on the El Cajon ARC Reflector

To sign up visit:

<http://groups.yahoo.com/group/elcajonarc/>

You will get the latest news about The Club and things going on in the Ham world.

Quote of the Month

"Grief melts away Like snow in May, As if there were no such cold things."

- ibid, The Flower, st. 1

For Amateur Radio Public Relations San Diego
Please visit
www.arprsd.org

JOKE

"Young man, do you think you can handle a variety of work?"

"I ought to be able to. I've had 12 different jobs in four months."

Lisie KI6EEK

Crest Radio Museum

Pat Bunsold, WA6MHZ



Antenna RESTORATION!

Now that Spring has sprung and the Grass has ris, a young Ham's fancy turns to ANTENNAS. The weather is ideal to repair and upgrade the skyhooks that have had a long hard winter. (You know Winters are so HARSH here in San Diego! We actually get a little RAIN!!!!) So Last year or before, I put up this Cushcrap A3S, which didn't work so well. Then the winds came and blew the Reflector and Director off it, making it a ONE element beam! Plans were to get a 15 ft stepladder and climb up on the roof peak to put the elements back on. The thought of that operation, standing on top of a step ladder almost 50 feet in the air, gave me quite a PUCKER factor. No, that probably wouldn't work or I would die trying. Meanwhile, a great friend and ham, Harv K6QK had a most untimely passing and the community suffered a great loss. After his estate was dispersed, I inquired about some parts I had talked to him about just before he passed away. It was a M2 upgrade kit for a KLM KT-34A 4 element Tribander. I have one of these I got from Erich W6CCM many years back. I had put it on a Pushup mast (I thought I had enough Guy wires, but I didn't!) and it blew down and smashed into the roof. This antenna was made in the 80s and is still quite popular. But the element ends are very delicate and break easily. I had 2 smashed elements. At the SD DX Club, another cordial Ham, Terry N6CW had some element parts to another broke KT-34 and I acquired these and Harvs upgrade kit. Weeks were spent disassembling the old antennas here at the Work QTH and cleaning up the aluminum tubing with a wire wheel brush (Pic 1) The other item is a cutoff saw used to cut the elements to the right size. This is a very messy and tedious job, and took over a month! But finally all the parts were cleaned and ready to put together. As I assembled the antenna, it suddenly was evident that there was no way it could go together as specified. Calls to M2 brought a lot of stalling and anguish, but they finally admitted the plans I

had were not correct and sent me a new set. Yes indeed, that did the trick, and now things started to go together. One of the things you have to do is smear this yeechy goop on everything: Bolts, nuts, antenna parts, anywhere and everywhere metal will contact metal, so there is no "GALLING" (whatever that is!) and corrosion. This makes it possible to get the antenna apart again someday if desired. Another antenna I got at the swapmeet hadn't used this, and it is frozen together for eternity! This messy stuff gets all over your hands, clothes and now I ruined my GO PIZZA T-shirt! Of course, having the Cat claw it up didn't help either! GO PIZZA was a fast food Pizza restaurant WA6BEN worked at before it folded up. His first real job! So it would be a collector's item if it weren't all wasted! As I type, I have 4 or the 8 element halves built, and 4 to go. (Pic 2) Each seems to take many many hours, so the project will go well into May before they are done. This is taking away from my OLD radio Restoration time!!! Once the antenna elements are ready, then it will be all taken back to Crest and assembled on the roof. Now, the real trick is how to get it up on the roof tower. I need a bucket truck, or someone daring enough to climb this flimsy tower and mount it up there. That is still an issue, but maybe it will work out. At worst, I could TYWRAP it to the side or the tower and aim it North. Some DX ought to be that way! Believe me, Radios are a lot easier to fix and restore than antennas! And no where near as messy!

—
Pat Bunsold WA6MHZ
Curator
Crest Radio Museum



Continued on Page 11

Chicken Noodle Soup for the Ham Radio Operator's Soul



Miss Mannerisms, an old tyme ham, holds forth her opinions regarding on-the-air behaviour becoming of San Diego hams. It is not her intention to offend or embarrass the sensitivities of any Radio Amateur. If her pronouncements have offended anyone in the ham community, she offers her apologies and urges the offended parties to "get over it".

Field Day Potluck

Miss Mannersims shares her tried and true tested ham radio recipes for sure fire success around the radio. This month it's "Field Day Potluck"

"Here's my recipe for "Field Day Potluck" - it's sure to tempt even the most finicky ham operator. It's sure to please every ham member of the household... I guarantee!"

First, blend 10 carloads of Radio Amateurs, young and old, experienced and inexperienced, with equal parts of good fellowship, humor and 'spirit of competition (best to remove handhelds prior to blending, as nicads spoil the taste).

While stirring with reports of DX, blend equal parts of good times, shared experiences, and L'essence 'd QRM. Season to taste with baloney and merriment. Add a dash of sunscreen and potato salad.

Place on folding chairs, expose to high levels of RF for 24 hours and allow to bake in the June sunshine of Southern California. Serve with aluminum tubing and coax as garnish. Recollection of taste improves as time goes on. Guaranteed to satisfy even the hungriest appetite for operating for at least 24 hours. Serves many Radio Amateurs.

Sincerely,

Miss Mannerisms

Vice President *Continued*

and talk to people about HAM Radio. It's no longer in the Art building where all we did was give people directions to the restroom. When you work a shift at the booth, you get a ticket to the Fair for the entire day. When you're not on shift, you can enjoy the Fair as you please. If you're interested in working the booth for a 4 hour shift, let Paul know. He can be contacted at kc6qls@cox.net or (619) 593-9445.

Next, we have our Clubs booth in the Kid's Best area at the Fair on June 21st. What an opportunity we have to introduce Amateur Radio to Kid's and their parents. We'll be talking radio to kid's and their parents and the kid's will be attaching metallic tape, batteries and buzzers to the wooden blocks we've made then trying their hand at sending their name to us in Morse code. They'll even be able to get on the air on 2 meters to talk to the SANDARC booth. We have volunteers for this event but can possibly use more. If you'd like to participate in the Kid's Best, contact Ann at kc6tbg@cox.net or by phone at (619) 593-9445.

To round out the month, from June 27th thru the 29th we have Field Day weekend. Although Field Day is Saturday and Sunday the 28th and 29th, we'll be loading up antenna's, towers, generator, BBQ grill, etc. Friday morning, the 27th, and heading to the Al Bahr Shrine Camp in Mt Laguna to set up antenna's and get ready for the weekend's communications. Your help is needed! We need laptop computers for logging, pickup trucks to load equipment in and people for setup Friday and tear down Sunday. I also need to have some idea of who will be attending so Linda will know how much food to buy and so we'll have some idea who will be operating radios (and when). RV spaces, Dorm rooms, and Cabins are available on site for both Friday and Saturday nights for a fee. Food will be provided to Club members free of charge from Friday lunch thru Sunday lunch. Yep, you guessed it, to get on the list for Field Day, give me a call or email me. Again, that's (619) 733-2320 or koqt@hotmail.com

For those of you who are new to Ham Radio and don't know what Field Day is, it's a multi-purpose activity. It's an exercise in emergency communications (we use a generator to power the radios), a contest, an opportunity for new HAM's (and non-HAM's) to get on the air on HF (even if you don't have a General ticket), and a place for socializing. Every Field Day I've attended has been a memorable experience and I hope to see you there and that it will be memorable for you as well.

73

Steve KO4QT

Crest Continued



Amateur Radio At Large

From Rich N6NKJ



Hello all,

Boy, I can not believe it has been a month since I wrote my last article for the Counterpoise! What a turn out we had for this years Wildland Fire Safety Training; Steve Early, AD6VI, our new ARRL Section Manager, said he counted 152 people who came to the training, but our sign in sheets say there were only a "mere" 123 people. The differences could be that some of those who had signed up for the training may have brought someone with them so they too could learn more about being safe. I want to take the time to thank Roxanne Provaznik, Fire Specialist II, CAL FIRE, for once again presenting a great training session, which was a big hit with all who attended, Steve Early, AD6VI, for finding us a meeting room, and to my co-coordinator for the VIP Red Flag Program, Eric Crosser, N6SUB, who printed up the certificates during the training so each person could be presented with his or her certificate at the end of the training. A BIG THANK YOU TO ALL THREE of YOU for your help. At the end of the class, Roxanne said that she had not expected that many people to show up.

One of the events that will take place at the San Diego County Fair this year is "Kids Day." One of the projects for this day is to teach kids and their parents about amateur radio. That is why all of those who came to our clubs meeting on April 10th were busy putting together 336 wooden keys to be used to show the kids how to spell their names in CW.

After they send their names in code, they will be given a certificate that says they have sent their name in CW, and they will also get to keep the wooden key as well. I hope our club will come out and support our club's day at the SANDARC booth, not only to support our club, but also to support Amateur radio as well. Our vice president, Steve Weed, KO4QT, is looking for a place to hold training for those who wish to become part of Skywarn, buy no place or time has been set as yet. So "stay tuned."

Does anyone have a light weight rotor that our club could use for Field Day? It is for our club's antenna. If you do, please contact Steve, KO4QT.

Please do not forget our friends of the S.U.R.F. Runners club. They have a couple of events coming up. So if you can help them by providing communications, please do so.

Folks, many groups like the S.U.R.F. Runners rely on us and our abilities as trained amateur radio operators for their events. And yes, many times nothing bad happens, but WHAT IF something major should happen during the race and we were not there to contact medical or law enforcement people to tell them of the incident? There are many events that take place each year that need your skills, so please help out whenever you can.

Last, but not least, PLEASE remember all of our men and women in our armed forces of the United States of America. Please shake their hand(s) when you see one in uniform and thank them for serving our great country.

Well, that is it for now. Until next time, enjoy life, laugh often, and take time to slow down and relax.

73's and 88's.
Rich, N6NKJ

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For Sale or Wanted

Looking for a 15 element beam 12 D B gain 900 MHz, or something smaller. Price and ship charge, Thanks Tony ke4lbr@cfl.rr.com

Membership Report

Ann KC6TBG



Welcome New Members



James Glasser KI6IOH WAMO 1753

No Photo

Carson Bolter W6PAW WAMO 1754

Welcome Visitors

No Photo
Gary Kuske

Barber Hollis KI6PHX



Jason Ellison KE6REO



At the meeting on March 13, 2008, the General Membership voted to return the ARCEC Membership Dues due date back to the way it was originally set up when the club was founded. This means that everyone's dues will now be due on December 31st and will pay dues for the following year. For those of you who have dues due between now and December 31st of this year, your dues will be prorated so that you pay through December 31st of this year, and then next years dues will be due on December 31, 2008.

For new members who join during the year, the dues for the year they join will be prorated through December 31st of the year they join, and the next years dues will be due on December 31st of the year they join. The Dues Payment Schedule will be as follows:

Individual Dues Membership: \$18.00 per year(\$1.50 per month):

January	\$ 18.00	July	\$ 9.00
February	\$ 16.50	August	\$ 7.50
March	\$ 15.00	September	\$ 6.00
April	\$ 13.50	October	\$ 4.50
May	\$ 12.00	November	\$ 3.00
June	\$ 10.50	December	\$ 1.50 *

*plus \$18.00 for the following year

Family Dues Membership: \$30.00 per year (\$2.50 per month):

January	\$ 30.00	July	\$ 15.00
February	\$ 27.50	August	\$ 12.50
March	\$ 25.00	September	\$ 10.00
April	\$ 22.50	October	\$ 7.50
May	\$ 20.00	November	\$ 5.00
June	\$ 17.50	December	\$ 2.50 *

*plus \$30.00 for the following year

Ann, KC6TBG
Membership Chair



San Diego 100 Mile Endurance Run
Cuyamaca Mountains, San Diego, CA
June 7-8, 2008

On behalf of Race Director, Paul Schmidt, K6PKS, we thank you for your interest in providing communications for the SD100 Endurance Run. Your commitment to the communications team will be an integral part of another successful event.

Please see the attached preliminary list of assignments and available openings. If your callsign is in the "Tentative" category, please contact us immediately with the following information in order to confirm your commitment to working the event:

- 1) your availability (maximum length of shift, day and/or night, full event duration, etc.)
- 2) Location preference (note: Big Bend only has room for vehicle...no trailers/motorhomes)
- 3) whether or not you will have a shelter available (motorhome, trailer, tent, etc)

If your callsign is not on the list, now's your chance! We are still in need of confirmed commitments from additional volunteers so if you could spread the word we'd appreciate it. The more operators we have for the event, the more fun it will be for all involved.

For further information please refer to the event website at San Diego 100 Website or contact us via e-mail with your questions or comments.

Ellen N6UWW@amsat.org and Wild Bill WB6BFG@amsat.org

ARCEC Meeting Photos



Tom, JOJ, is the big winner of his
poker table.



NO, no dad, you put this piece first, then
this piece.



So many pieces, and so little time.



This part goes here, and then this
part goes.....



You want us to do what?



Who is that behind the tower?

April meeting Minutes Continued

and a blown regulator in one. Forrest donated a Grid Dip meter, and sound level meter, antenna switch and other assorted widgets and gadgets.

Old Business – Swap Meet tables have been pretty empty (fortunately – no silent keys) so anyone who has something to sell, feel free to bring it to the Santee Drive Inn Swap meet, you can set it on the table and sell it (between 6:30am and 9am).

Field Day Rules have changed – dropped specialty modes points – added 100 point for some educational activity. So Steve Early suggests inviting new hams to field day to get them going on the air with the GOTA station.

San Diego 50 mile run on May 10th needs a few volunteers – contact Paul K6PKS – fairly short.

Really need volunteers for San Diego 100 mile run Saturday June 7th- Sunday June 8th needs multiple shifts so they don't burn people out – great opportunity for new operators to get used to passing traffic – pair new ops with experienced ops.

Ann has placed pro-rated membership schedule on the web for those joining now since renewal will be.

Respectfully submitted,
Dan Severance, N6ERD
Secretary

Amateur Radio Club of El Cajon



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Pchambers@jpturner.com
www.patrickchambers.com

PR Report Continued

this booth a success. As soon as clubs and/or individuals sign up, the SANDARC website calendar will be updated to reflect the remaining dates and times available to volunteer. Please check the SANDARC calendar directly at www.sandarc.org to obtain the latest dates available.

The SANDARC Booth is each club's opportunity to share amateur radio with all age levels in the San Diego Community. Each club is encouraged to wear their club shirts, hats and jackets, to bring exhibits, to do demonstrations, and to talk about their specific club and the activities, education, and events that their club offers. Each club has the opportunity to highlight their specialty area such as DX, Field Day Expertise, Emergency Service aspects, etc., as well as to promote amateur radio in general.

The SANDARC fair booth provides amateur radio operators with an opportunity to share amateur radio and what we do with the public with the goals of introducing people to amateur radio, showing them how it can be used in emergency situations, and sparking an interest in one of the many areas of amateur radio. Please join us at the fair and volunteer your time to share amateur radio with our community.

73,
Paul Rios, KC6QLS

ARCEC Reflector

For those of you who may not be aware, the ARCEC has had a Reflector for sometime, and it is available for all club members to join and use in a friendly, positive and cordial fashion at each member's discretion. There is no moderator and it is available for all members to use to post events, classes, activities, amateur radio for sale and wanted items, and for other amateur radio related communication. While the Reflector is available for all to use, please remember that all Official ARCEC communication is posted in the ARCEC General Membership Meeting Minutes located in the Counterpoise Newsletter each month, and the opinions expressed on the Reflector are solely that of the individual(s) and do not necessarily reflect the opinions of the Amateur Radio Club of El Cajon (ARCEC). To join the Reflector, go to www.wa6bgs.org and click on the Join Yahoo Group Now.

Amateur Radio Club of El Cajon
P.O. Box 50
El Cajon, CA 92022



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Is your membership ready to expire?

Take a look on your mailing label. Is the expiration date in 2007? Does it say EXPIRED? That means it's time to mail in your yearly dues. Please take time to fill out the membership application in this newsletter, and mail it in, or bring it to the next meeting.

For Ham Radio Classes

Please Contact:
Mike Maston
N6OPH
(619) 296-9067

Please Visit Our Website at
www.WA6BGS.org

VEC Testing Sites

1 st Saturday:	El Cajon 10:00 am First Lutheran Church of EC 867 South Lincoln Ave.
2 nd Saturday:	Carlsbad 9:30 am Carlsbad Safety Center Orion Way Carlsbad
3 rd Saturday:	North Park 10:00 am North Park Recreation Center 4044 Idaho Street San Diego
4 th Saturday:	Chula Vista 8:30 am Fire Station #7 1640 Santa Venetia Chula Vista
5 th or last Saturday:	Escondido 9:00 am LDS Church 1917 East Washington St.

To make advance reservations or to find out more info from the site captain, please call 465-EXAM (3926)

